

**ABSTRACT:**

A method of cutting seed potatoes prior to their planting is provided in which a high pressure water jet is employed to slice the potatoes into the desired sized pieces. The present invention employs a single water jet, a plurality of water jets, or a cutting tube configuration containing either single or multiple water jet streams which are projected through the center of the cutting tubes or the cutting area and an equal amount of stream collector tube or tubes which contain the jet or jets and collects and directs the spent water to a proper location for its final collection or final discharge. Additionally, the use of this water jet system ensures that the seed potatoes that are cut will not contaminate one another through the cutting instrument as the water used in the cutting process only comes into contact with one potato and is then discharged from the system.